Information Security COMP421
Spring 2022
Assignment 2 Description

Problem Statement: Encrypt / Decrypt a text or text file provided by the user. Use the Rivest-Shamir-Adleman (RSA) encryption function / class available in the library of any language of your choice e.g. python or Java.

Submission requirements and deadline

- You should submit the assignment 2 in a git repository "Comp421-RollNumber-Section Name" within the folder assignment 2.
- The link of the git repository should be submitted on Moodle within a word file.
- This is an individual assignment. Therefore, you are not allowed to do work in the groups.
- The deadline for the **assignment 2** is **Saturday 28th May, 2022**.
- The **total marks** for this assignment are **twelve** (**12**).
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Grading Criteria

- Program getting input for the encryption**:** 2 mark.
- Program showing the encrypted text / text file**:** 1 mark.
- Correct use of the RSA algorithm for encryption part**:** 3 marks.
- Program getting input for the decryption**:** 2 mark.
- Program showing the plain text / plain text file**:** 1 mark.
- Correct use of the RSA algorithm for decryption part**:** 3 marks.

Note: Any submission after the deadline will be considered as a late submission.